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 (56) Documents cited by ISA
 DE, A, 2623652
 Chemical Abstracts, Vol.
 89, No. 2, abstract 11983m
 FR, A, 2310800
 FR, A, 2455068
 DE, A, 2737070
 Chemical Abstracts, Vol.
 89, No. 4, abstract
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 Chemical Abstracts, Vol.
 79, No. 10, abstract
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 FR, A, 2368509
 FR, A, 2164801
 US, A, 3939099
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(54) Use of polyethylene imine as absorbant for odorous substances

(57) Use of polyethylene imine as absorbant for odorous substances, in particular fatty acids, aldehydes and ketones. The degree of polymerization of the polyethylene imine used is selected so that the polyethylene imine is, on the one hand, toxicologically harmless and preferably exhibits, on the other hand, a sufficient solubility in an aqueous

medium. In a preferred embodiment, aqueous solutions of polyethylene imine having a concentration rate of 0.1 to 10%, are used. Another preferred utilization consists in impregnating with polyethylene imine materials which are later contacted with odorous substances. The invention is applicable to cosmetology, body hygiene, technical deodorization and air sweetening. A particularly important field of application of the invention is the deodorization of purification plants.

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The application was originally made under the Patent Cooperation Treaty with the Fed. Rep. of Germany Patent Office acting as the receiving office on (86) 16 Dec 1981, being given an application number PCT/DE81/00226. The application was searched by the European Patent Office acting as the International Search Authority (ISA), and published by the International Bureau on (87) 24 Jun 1982 under serial number WO 82/01993 in the German language. The text of the application is contained in the publication made by the International Bureau as above identified, the accompanying text being an English translation thereof.

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ERRATUM

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ront page, Heading (72) Inventor *below* Inventor *delete* whole lines *insert* Holger Meyer

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